

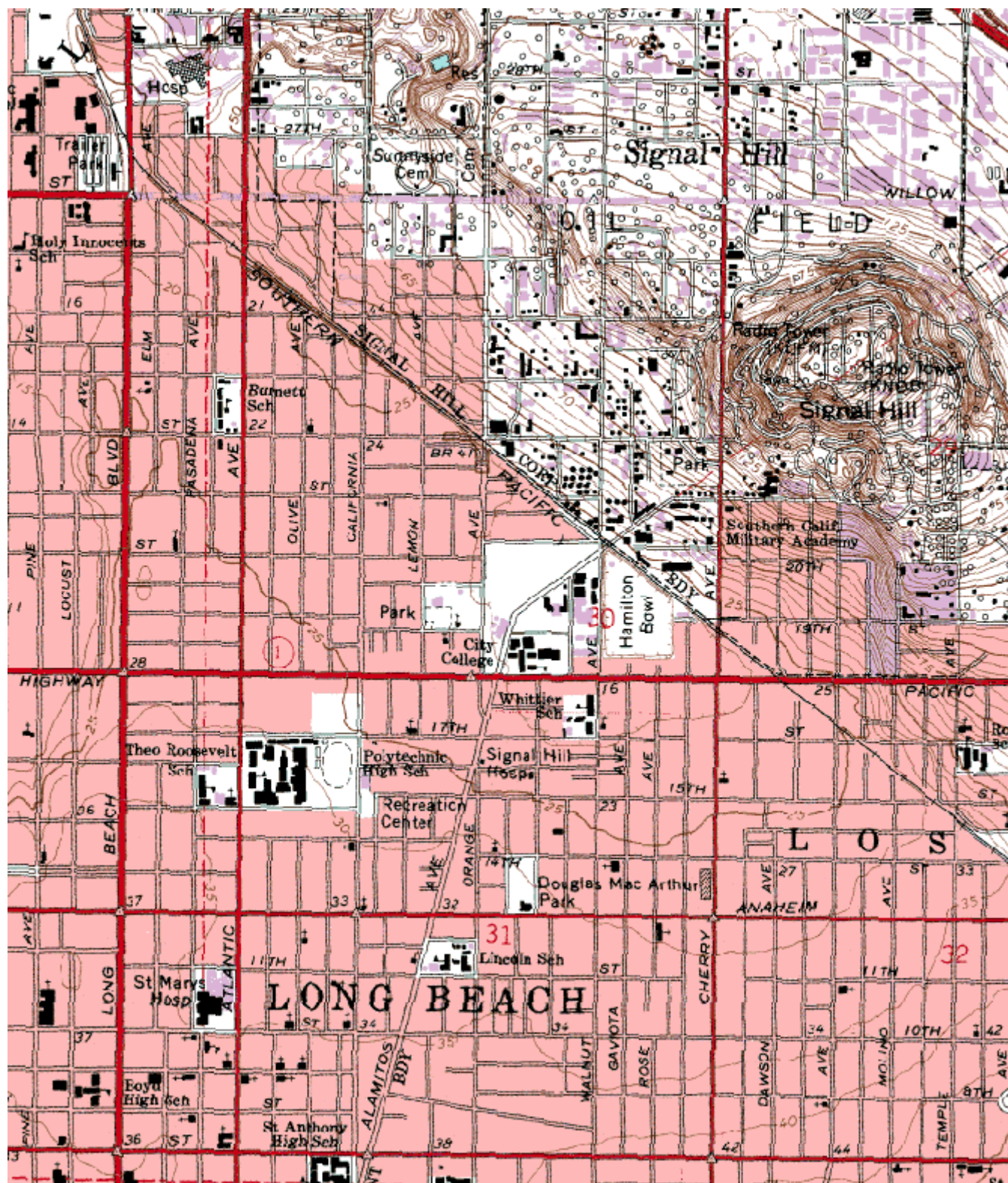
Quality Assurance Site Survey Report for South Long Beach

Last updated May, 2014



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060374004	70110	06/2003	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
1305 E. Pacific Coast Hwy Long Beach, CA 90806	Los Angeles	South Coast	33° 47' 32"N	118° 10' 31"W	6



Detailed Site Information

Local site name	South Long Beach			
AQS ID	060374004			
GPS coordinates (decimal degrees)	Latitude: 33° 47' 32" Longitude: 118° 10' 31"			
Street Address	1305 E Pacific Coast Hwy, Long Beach, CA 90806			
County	Los Angeles			
Distance to roadways (meters)	86			
Traffic count (AADT, year)	10,000 / 2012			
Groundcover (e.g. asphalt, dirt, sand)	Asphalt			
Representative statistical area name (i.e. MSA, CBSA, other)	31080-Los Angeles-Long Beach-Anaheim MSA			
Pollutant, POC	PM10, 2	Lead, 2	Continuous PM2.5, 3	24 Hour PM2.5, 1
Parameter code	See Table 26	14129	88101	See Table 26
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Highest Concentration	Highest Concentration	Highest Concentration	Highest Concentration
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Instrument manufacturer and model	Sierra Andersen 1200 SSI	Tisch TE 300-310 TSP	Met One BAM 1020	Andersen RAAS PM2.5
Method code	063, 102	110	170	780, 120
FRM/FEM/ARM/ other	FRM	FRM	FEM	FRM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e. weigh lab, toxics lab, other)	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	06/20/2003	06/20/2003	06/20/2003	06/20/2003
Current sampling frequency (e.g. 1:3, continuous)	1:6	1:6	1:1	1:1
Calculated sampling frequency (e.g. 1:3/1:1)	1:6	1:6	N/A	1:3
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	2.44	2.11	2.64	2.84
Distance from supporting structure (meters)	1.5	1.12	2.64	1.83
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A
Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A

Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	1.5 (Flow <200 lpm)	1.5 (Flow <200 lpm)
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	N/A	N/A	N/A	N/A
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	No, unless the manual sampler has missing data.	Yes
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	N/A	Monthly
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	Monthly	N/A
Frequency of one-point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	06/28/2013, 11/22/2013	03/25/2014, 11/22/2013,	06/29/2013, 12/17/2013	06/28/2013, 11/22/2013

**South Long Beach
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**South Long Beach
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.